Section 6.5

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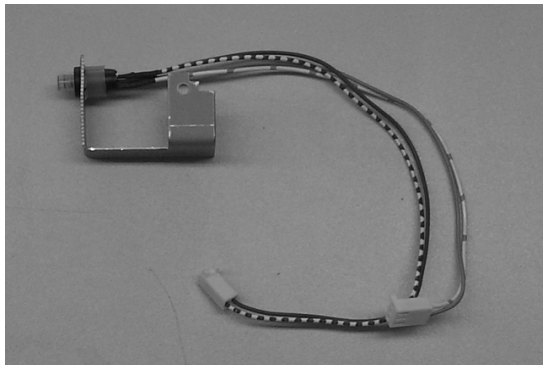
2 Restore Procedure for Windows 95/98 / Windows NT 4.0 DD+DIS050.99E

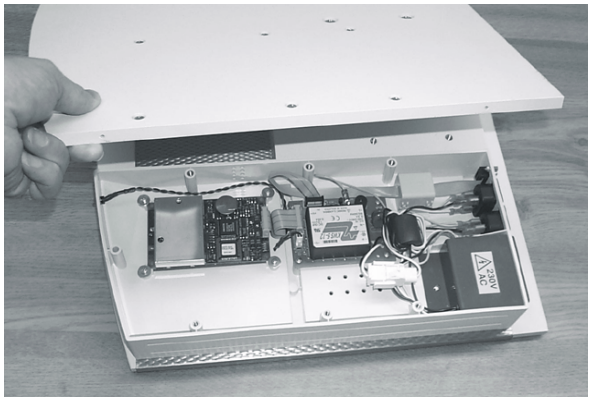
1 Installation of Reset / Power On LED for the ID - Tablet

- Assemble the reset / power-on LED as shown beside

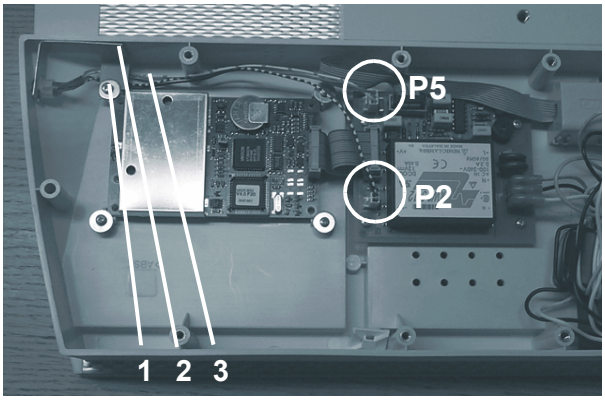


- Disconnect the ID – Tablet from the mains.
- Loosen the screws of the cover of the ID tablet and remove the metal panels.

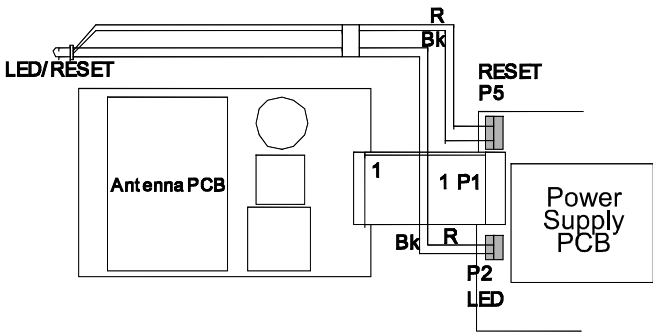
- Lift the cover off



- Loosen the screw (1)
- Insert the assembled reset/power-on LED (2)
- Thread the cable below the holding bracket (3)
- Fix the assembled reset/power-on LED by means of the screw (1)
- Plug the reset/power-on LED into the Power Supply Board (P2) and (P5)
  (2-pin plug into P2, 3-pin plug into P5)
  Note: Older Power Supply PCBs do not have P5. Just leave the cable unconnected.

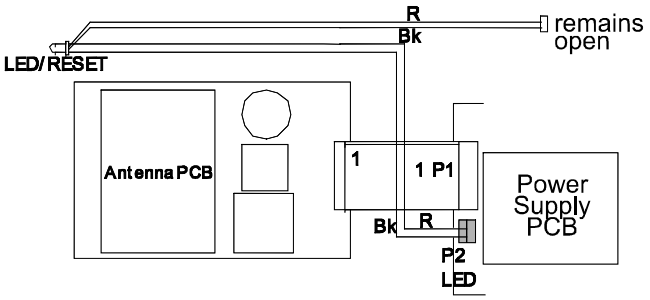


1. Make sure that the cables of the reset/power on LED are plugged into the Power Supply Board in the way shown beside.



With new Power Supply PCB

2. Older ID-tablets do not have a **P5** connector on the Power Supply PCB. Therefore the reset function is **not** available with those machines.



With old Power Supply PCB

Order-No.: DD+DIS050.99E

March 1999

1TMX531

1 Piece TMX53 MA1

ADC COMPACT

Please add this document in section 6.5 of the Technical Documentation ADC System

PRID station with Compaq PC
Restore procedure for WINDOWS NT 4.0 / WINDOWS 95

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1. General

When do you need this procedure?

- if the system hard disk of the Compaq PC is defect.
- if the WINDOWS NT / 95 has been crashed

This document describes the installation procedure for WINDOWS NT 4.0 and WINDOWS 95 on a Compaq PC.

The "RESTORE CD" initiates a COMPAQ specific installation with:
- formatting and partitioning of the system hard disk
- the installation of the WINDOWS application (WIN NT4.0 or WINDOWS 95)
- the initialization and setup of the PC.

The total installation time takes about 60 minutes for WINDOWS NT 4.0 or WINDOWS 95.

2. Installation of WINDOWS NT 4.0

2.1. Which software is necessary?

- Compaq RESTORE CD ROM ----------
- Microsoft WIN/NT 4.0 CD ROM ----------
- Microsoft SERVICE PACK 3 CD ROM --------
- booklet Microsoft WIN/NT which contains the Microsoft product identification number on the front page. ---------- ------- Enclosures of the COMPAQ PC

- PRID CD ROM and disk with the language files

2.2. Installation

For a full re-installation, start the procedure as following:

1) **Power on** the system
2) **Insert the "RESTORE CD ROM" and switch off/on the PC**
   The screen shows the selectable languages for the Restore procedure.
3) **Select the language** for the Restore procedure and **press <ENTER>.**
   Wait a few seconds. A welcome screen shows the beginning.
4) **Press <BEGIN>**
5) Select your Operating System: select WIN 95 or WIN NT 4.0
   Select <WIN/NT 4.0>
6) **Select <language>**

   Here you have to select the language of the WINDOWS NT Operating System. The selected language has to be congruent to the language of the enclosed WINDOWS NT 4.0 - CD ROM and the SERVICE PACK 3 CD ROM.
   Otherwise the installation procedure will fail!
7) **Click <NEXT>**
   A warning for loosing the existing information appears because the hard disk will be reformatted.
8) Confirm selected Operating system and language by **clicking <NEXT>**
   A selection of applications which will be installed appears.
9) **Select <All>** and press **<NEXT>**
10) *A confirmation screen will be shown.* Press **<NEXT>** to confirm.
11) *A warning screen mentioning "hard disk info will be lost" appears.* **Press <NEXT>.**
12) A second confirmation is asked : **press <YES>**
13) *The partitioning of the hard disk starts and shows the Drive partitioning Scheme.*
    The message on the screen will be:
    C: 2008 MB FAT 16
    D: 1153 MB.FAT 16
14) After partitioning **press <NEXT>** to continue
    Remark: the hard disks will be formatted as FAT 16. Information about converting the FAT file system to NTFS see item 2.4: Converting FAT to NTFS..
15) **Press <Reboot>.**
    The system reboots. Then Files are copying from the Restore CD to the Hard disk.
16) **Press <NEXT>** to continue.
17) **Remove the Restore CD.**
18) **Insert the <WINDOWS NT 4.0 CD ROM>** and **press <NEXT.** Eventually a <retry> is necessary to read the CD ROM.
    Window "Copying files WIN/NT" (takes about 4 minutes) appears.
19) File copy complete. Press next. **Press <NEXT>** to continue

20) Remove the **<WINDOWS NT 4.0 CD ROM>** and insert the **<SERV PACK3 CD>,** when the message appears.
21) **Press <NEXT>.** Eventually a <retry> is necessary to read the CD ROM.
After about 2 minutes the copying of the files SERV PACK 3 will be done.
The message "Preparing setup files for Compaq specific installation" appears.
22) **Press <NEXT>** again.
A DOS screen appears. Files will be copied to the hard disk. (≈. 4 min).
The message "Compaq specific modifications complete ....." appears.
23) **Press <NEXT>** again.
24) **Press <Begin Setup>**
25) Remove the **<SERV PACK3 CD>** and **press <OK>**
The PC reboots. Then the system is copying files to the hard disk, examines the disk and reboots again.
26) **press <I agree>,** when the license agreement screen appears.
27) **Fill in** the following organization parameters:
- Name:_____ and - Organization: _____ and **press<NEXT>** to begin installing WIN NT Net-working.....
28) **Fill in Product ID code** (to be found on the front page of Microsoft WIN/NT booklet or on the WINDOWS NT CD ROM) and **press <NEXT>.**
29) A confirmation message " To begin set up click next" appears. **Press <NEXT>**
30) To begin the installation of WINDOWS NT, **click <NEXT>.**
During the installation the system reboots twice. (≈ 10 min)
31) When the window ".... Restore CD process is complete ..... appears**, press <enter>** to reboot the PC again.
WINDOW NT 4.0 is installed.

2.3. Settings for WINDOWS NT 4.0

2.3.1. Confirm or set <Time Zone, Date and Time>

- Select <My Computer> ⇒ <Control panel> ⇒ <Date /Time>
⇒ <Time Zone>: choose the local time zone.
⇒ <Date /Time>: set or confirm date and time.

2.3.2. Set the video parameters

1) Select <My Computer> ⇒ <Control panel> ⇒ <Display properties>
2) Set video parameters as follows:
Color palette: **256 colors**
Resolution: **1024 x 768 pixels**
Font size : **large fonts**
Refresh frequency : minimal **75Hz**
3) Press **<TEST>** and then **<OK>.** A test pattern will be shown.
When the test screen is visible your chosen parameters are OK.
☞ If you don't see the test screen the cause could be a limitation of the video card or monitor (resolution to high, refresh rate to high). Change the values if necessary.
4) Press **<OK>** to close the dialogue window and again **<OK>** to confirm the settings.
☞ If you changed the font size from small to large fonts the system will need to reboot.

2.3.3. Adapt the keyboard driver if necessary

1) Select <My Computer> ⇒ <Control panel> ⇒ <Key board> ⇒ <Input local>
2) Click <Add> and select the country specific <Input local> (Keyboard driver)
3) Click <Properties>, select the Keyboard layout and press <OK>
4) Select not used keyboard driver(s) and click <Remove>
5) Select the used keyboard driver and press <Set as default>
6) Press <Apply> and <OK>
7) Select <My Computer> ⇒ <Control panel> ⇒ <Key board> ⇒ <General>
8) Confirm or change the keyboard type.

2.3.4. Set the network parameter

1) Select <My Computer> ⇒ <Control panel> ⇒ <Network> ⇒ Tab <Protocols>
2) Click <Add>, select **<TCP/IP Protocol>** and click <OK>
3) Click <**No**> in Window <DHCP Server> server
4) Click <Continue> to install Windows NT files from c:\I386
5) Click <Close> to exit the <Network> window
6) Click on <Specify an IP address>
7) Enter the Default IP Address **192.9.200.203**

   With another IP_address the PRID application will not start up after the installation. You will get the Error message:
   "THIS IS AN ILLEGAL SYSTEM"
8) Enter the Subnet mask **255.255.255.0**
9) Click <Apply> and <OK>
10) Click <Yes> to reboot the PC.

2.4. Converting FAT to NTFS.

☞ If the disk file system NTFS is required from customer side instead of FAT 16, convert the disk as following:

1) Start a <DOS SCREEN>
2) Press **<START>,** then **<Programs**>, then **<Command prompt>**. A DOS screen appears.
3) Change directory: **cd c:\winnt\system32** and press **<ENTER>**
4) Type the command: **convert d: /fs:ntfs** and press **<ENTER>** to convert de d-drive.
5) Because you cannot convert the current drive, switch to **d:\>**
6) From the d:\> prompt type the command **c:\winnt\system32\convert c: /fs:ntfs** "and press **<ENTER>**
   The following message appears: "The type of the file system is FAT. Convert cannot gain access to the c-drive. So it cannot convert it now.
7) Would you like to schedule it to be converted the next time the system restarts (Y/N)": press **<y>.**
8) Restart the system.

2.5. Installation of the PRID application

1) Install the PRID application
2) Load Language file and adc.cpf file
3) adapt the IP_address to the local network

☞ **For detail information refer to the Fresh installation see section 3.**

3. Installation of WINDOWS 95

3.1. Which software is necessary?

- Compaq RESTORE CD ROM ----------
- Microsoft WINDOWS 95 CD ROM ----------
- booklet Microsoft WINDOW 95 which contains the Microsoft product identification number on the front page. ----------

------- Enclosures of the COMPAQ PC

- PRID CD ROM

3.2. Installation

For a full re-installation, start the procedure as following:

1) **Power on** the system
2) **Insert the "RESTORE CD ROM" and switch off/on the PC**
   The screen shows the selectable languages for the Restore procedure.
3) **Select the language** for the Restore procedure and **press <ENTER>.**
   Wait a few seconds. A welcome screen shows the beginning.
4) **Press <BEGIN>**
5) Select your Operating System: select WIN 95 or WIN NT 4.0
   Select <WINDOWS 95>
6) **Select <language>**

   Here you have to select the language of the WINDOWS 95 Operating System. The selected language has to be congruent to the language of the enclosed WINDOWS 95 - CD ROM.
   Otherwise the installation procedure will fail!
7) **Click <NEXT>**
   A warning for loosing the existing information appears because the hard disk will be reformatted.
8) Confirm selected Operating system and language by **clicking <NEXT>**
   A selection of applications which will be installed appears.
9) **Select <All>** and press **<NEXT>**
10) *A confirmation screen will be shown.* Press **<NEXT>** to confirm.
11) *A warning screen mentioning "hard disk info will be lost" appears.* **Press <NEXT>.**
12) A second confirmation is asked : **press <YES>**
13) *The partitioning of the hard disk starts and shows the Drive partitioning Scheme.*
    The message on the screen will be:
    C: 2008 MB FAT 16
    D: 1153 MB.FAT 16
14) After partitioning **press <NEXT>** to continue
15) **Press <Reboot>.**
    The system reboots. Then Files are copying from the Restore CD to the Hard disk.
16) **Press <NEXT>** to continue.
17) **Remove the Restore CD.**
18) **Insert the <WINDOWS 95 CD ROM>** and **press <NEXT.** Eventually a <retry> is necessary to read the CD ROM.
    Window "Copying files WINDOWS 95" (takes about 2 minutes) appears.
19) File copy complete. Press next. **Press <NEXT>** to continue.

20) *The message "Preparing setup files for Compaq specific installation" appears.*
Press <NEXT> again.

21) **Press <Begin Setup>**

22) Remove the **<WINDOWS 95 CD>** and **press <OK>**
The PC reboots. Then the system is copying files to the hard disk and reboots again.

23) You must provide computer and workgroup names to identify this computer.
Press <OK>

24) Window <Network> appears.
Enter Computer name (e.g. PRID1) **and Workgroup** (e.g. AGFA) and press **<close>**

25) The system starts copying files and reboots in the meantime three times.
To reboot the PC for one final time **press <enter>.**

26) Window <Regional Settings> appears.
Select local country and **press <next>**

27) Window <Keyboard Layout> appears.
Select the keyboard and **press <next>**.

28) Window <USER information> appears.
Enter your name and **company** and **press <next>**

29) Window <License Agreement> appears.
Click on <I accept the agreement> and **press <next>**

30) Window <Certificate of Authenticity> appears.
Enter the CD Key Number of the WINDOWS 95 CD, (to be found on the front page of Microsoft WINDOWS 95 booklet or on the WINDOWS 95 CD ROM) and **press <next>**

31) Window <Start Wizard> appears.
Click <Finish> to continue.....

32) The System starts copying files. **Press <OK>** to reboot the system.

33) Window <Network Password> appears.
Enter Username (recommended: Administrator) and **Password** (recommended: no entry)

34) Window <Set Windows Password> appears.
Confirm the new password see last step (without any entry).

35) Window <Add Printer Wizard> appears.
Press <Cancel>

36) Window <Date / Time Properties> appears
Select local <Time Zone> and **press <Apply>**
Confirm or set <Date> and **<Time>, press <Apply>** if changed and press **<OK>**

37) A welcome window appears.
<Close> it.

38) **WINDOWS 95 installed**

3.3. Settings for WINDOWS 95

3.3.1. Set the video parameters

1) Select <My Computer> ⇒ <Control panel> ⇒ <Display> ⇒ <Settings>
2) Set video parameters as follows:
   - Color palette: **256 colors**
   - Resolution: **1024 x 768 pixels** for Display area and Desktop
   - Font size: **large fonts**
3) Select <Advanced Properties> ⇒ <Adapter>
   - Check that the right Adapter type is installed, (see Compaq Manual) or install the conform driver.
4) Select <Advanced Properties> ⇒ <Monitor>
   - Check that the right Monitor is installed (see id-label at the back of the monitor) or install the conform driver and click <OK>

☞ Don't accept the restart of the PC at the moment and press <No>.

3.3.2. Install TCP/IP protocol

1) Select <My Computer> ⇒ <Control panel> ⇒ <Network> ⇒ <Configuration>
2) Select for Primary network **<Client for Microsoft Networks>** and click <Add>
3) Select <Protocol> and click <Add>
4) Select **<Microsoft>** and **<TCP/IP>** and click <OK>
5) Select **<TCP/IP>** and click **<Properties>**
6) Select **<IP address>** and **click on <Specify an IP address>**
7) Enter the IP address **192.9.200.203** and the Subnet mask **255.255.255.0,** click **<OK>**

With another IP_address the PRID application will not start up after the installation. You will get the Error message:
"THIS IS AN ILLEGAL SYSTEM"

8) Click <OK> to accept changes and leave network settings.
9) Click <Yes> to restart the PC.

3.3.3. Check sound card

1) Select <My Computer> ⇒ <Control panel> ⇒ <Network> ⇒ <Sounds>
2) Select **<Default sound>** for the events
3) Select **<The Microsoft Sound>**
4) Click <Apply> and <OK>

3.4. Installation of the PRID application

1) Install the PRID application
2) Load Language files and adc.cpf file
3) adapt the IP_address to the local network

☞ **For detail information refer to the Fresh installation see section 3.**